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Colorado Water Conservation Board

Water Supply Reserve Fund Grant Application

Instructions

All WSRF grant applications shall conform to the current [2016 WSRF Criteria and Guidelines](#).

To receive funding from the WSRF, a proposed water activity must be approved by a Roundtable(s) **AND** the Colorado Water Conservation Board (CWCB). The process for Roundtable consideration and recommendation is outlined in the 2016 WSRF Criteria and Guidelines. The CWCB meets bimonthly according to the schedule on page 2 of this application.

If you have questions, please contact the current CWCB staff Roundtable liaison:

Arkansas

Ben Wade
ben.wade@state.co.us
303-866-3441 x3238

Gunnison | North Platte | South Platte | Yampa/White

Craig Godbout
craig.godbout@state.co.us
303-866-3441 x3210

Colorado | Metro | Rio Grande | Southwest

Megan Holcomb
megan.holcomb@state.co.us
303-866-3441 x3222

WSRF Submittal Checklist (Required)

	I acknowledge this request was recommended for CWCB approval by the sponsoring roundtable.
x	I acknowledge I have read and understand the 2016 WSRF Criteria and Guidelines .
x	I acknowledge the Grantee will be able to contract with CWCB using the Standard Contract . ⁽¹⁾
Application Documents	
x	Exhibit A: Statement of Work ⁽²⁾ (<i>Word – see Template</i>)
x	Exhibit B: Budget & Schedule ⁽²⁾ (<i>Excel Spreadsheet – see Template</i>)
x (some pending)	Letters of Matching and/or Pending 3 rd Party Commitments ⁽²⁾
x	Map ⁽²⁾
	Photos/Drawings/Reports
Pending	Letters of Support
Contracting Documents ⁽³⁾	
x	Detailed/Itemized Budget ⁽³⁾ (<i>Excel Spreadsheet – see Template</i>)
	Certificate of Insurance ⁽⁴⁾ (<i>General, Auto, & Workers' Comp.</i>)
	Certificate of Good Standing ⁽⁴⁾
	W-9 Form ⁽⁴⁾
	Independent Contractor Form ⁽⁴⁾ (<i>If applicant is individual, not company/organization</i>)
	Electronic Funds Transfer (ETF) Form ⁽⁴⁾

(1) Click "Grant Agreements". For reference only/do not fill out or submit/required for contracting

(2) Required with application if applicable.

(3) Additional documentation providing a Detailed/Itemized Budget maybe required for contracting.

Applicants are encouraged to coordinate with the CWCB Project Manager to determine specifics.



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(4) Required for contracting. While optional at the time of this application, submission can expedite contracting upon CWCB Board approval.

Schedule		
CWCB Meeting	Application Submittal Dates	Type of Request
January	December 1	Basin Account; BIP
March	February 1	Basin/Statewide Account; BIP
May	April 1	Basin Account; BIP
July	June 1	Basin Account; BIP
September	August 1	Basin/Statewide Account; BIP
November	October 1	Basin Account/BIP

Desired Timeline	
Desired CWCB Hearing Month:	March 2020 (will submit to Basin RT in November 2019)
Desired Notice to Proceed Date:	ASAP

Water Activity Summary		
Name of Applicant	Colorado River Water Conservation District West Divide Water Conservancy District	
Name of Water Activity	Investigations of Augmentation Demands, Exchange Potential, Small Reservoir Storage and Recharge Pit Feasibility in the Crystal River Basin	
Approving Roundtable(s)		Basin Account Request(s) ⁽¹⁾
Crystal River Water Users/WDWCD		\$15,000
Colorado River District		\$10,000
Colorado Water Plan (Feb 1, 2019 Submittal)		\$50,000
Basin Account Request Subtotal		\$12,500
Statewide Account Request ⁽¹⁾		\$12,500
Total WSRF Funds Requested (Basin & Statewide)		\$25,000
Total Project Costs		\$100,000



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Water Activity Summary

(1) Please indicate the amount recommended for approval by the Roundtable(s)

Grantee and Applicant Information

Name of Grantee(s)	Colorado River Water Conservation District (CRWCD)
Mailing Address	P.O. Box 1120, Glenwood Springs, CO 81602
FEIN	
Grantee's Organization Contact ⁽¹⁾	John Currier
Position/Title	Chief Engineer
Email	jcurrier@crwcd.org
Phone	(970) 945-8522 ext 237
Grant Management Contact ⁽²⁾	John Currier
Position/Title	Chief Engineer
Email	jcurrier@crwcd.org
Phone	(970) 945-8522 ext 237
Name of Applicant (if different than grantee)	West Divide Water Conservancy District (WDWCD)
Mailing Address	818 Taughenbaugh Blvd, Rifle, CO 81650
Position/Title	Board of Directors
Email	water@wdwcd.org
Phone	(970) 625-5461

(1) Person with signatory authority

(2) Person responsible for creating reimbursement invoices (Invoice for Services) and corresponding with CWCB staff.



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Description of Grantee
Provide a brief description of the grantee's organization (100 words or less).
<p>The West Divide Water Conservancy District (WDWCD), a Colorado governmental entity, was organized in 1964 for the purposes of conserving and developing land and water resources within its boundaries in Garfield, Pitkin and Mesa counties. WDWCD provides augmentation supplies within the District for all beneficial uses, and promotes the health, safety and welfare of the public through these services.</p> <p>The Colorado River Water Conservation District (CRWCD) is a public water policy agency chartered in 1937 to be "the appropriate agency for the conservation, use and development of the water resources of the Colorado River and its principal tributaries in Colorado."</p>

Type of Eligible Entity (check one)	
	Public (Government): municipalities, enterprises, counties, and State of Colorado agencies. Federal agencies are encouraged to work with local entities. Federal agencies are eligible, but only if they can make a compelling case for why a local partner cannot be the grant recipient.
x	Public (Districts): authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises
	Private Incorporated: mutual ditch companies, homeowners associations, corporations
	Private Individuals, Partnerships, and Sole Proprietors: are eligible for funding from the Basin Accounts but not for funding from the Statewide Account.
	Non-governmental organizations: broadly, any organization that is not part of the government
	Covered Entity: as defined in Section 37-60-126 Colorado Revised Statutes

Type of Water Activity (check one)	
x	Study
	Implementation

Category of Water Activity (check all that apply)		
	Nonconsumptive (Environmental)	
	Nonconsumptive (Recreational)	
	Agricultural	
x	Municipal/Industrial	
x	Needs Assessment	
	Education & Outreach	
x	Other	Explain: Augmentation of domestic water users



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Location of Water Activity	
Please provide the general county and coordinates of the proposed activity below in decimal degrees . The Applicant shall also provide, in Exhibit C, a site map if applicable.	
County/Counties	Crystal River Basin in Pitkin/Gunnison Counties
Latitude	(see attached map)
Longitude	(see attached map)

Water Activity Overview
<p>Please provide a summary of the proposed water activity (200 words or less). Include a description of the activity and what the WSRF funding will be used for specifically (e.g. studies, permitting, construction). Provide a description of the water supply source to be utilized or the water body affected by the activity. Include details such as acres under irrigation, types of crops irrigated, number of residential and commercial taps, length of ditch improvements, length of pipe installed, area of habitat improvements. If this project addresses multiple purposes or spans multiple basins, please explain. The Applicant shall also provide, in Exhibit A, a detailed Statement of Work, Budget, and Schedule.</p>
<p>This WSRF funding will be utilized to conduct a feasibility level study to develop a plan for augmentation in the Crystal River Basin. The drought of 2018 highlighted the fact that at least 6 subdivisions and various other junior water users do not have a legal water supply during a senior water right call on the Crystal River. During 2018, emergency SWSP's were required to ensure municipal water deliveries. It has become apparent that a basin-wide augmentation solution is needed. Division 5 has indicated they will begin issuing cease and desist orders for any junior user not actively working toward a solution. This work will focus on the following: quantify existing demands within the Crystal River drainage, evaluation the exchange potential at key locations within the basin, evaluate basin-wide augmentation strategies, update and re-evaluate small storage alternatives, evaluate new storage/recharge alternatives, develop a basin-wide augmentation strategy, public outreach and education with the various Crystal River environmental groups to educate them about the ongoing augmentation issues, and evaluate various methodologies for financing and implementation of a plan for augmentation.</p>



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Measurable Results		
To catalog measurable results achieved with WSRF funds please provide any of the following values.		
	New Storage Created (acre-feet)	
	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive	
	Existing Storage Preserved or Enhanced (acre-feet)	
	Length of Stream Restored or Protected (linear feet)	
	Efficiency Savings (indicate acre-feet/year OR dollars/year)	
	Area of Restored or Preserved Habitat (acres)	
	Length of Pipe/Canal Built or Improved	
x	Other	Explain: Determination of a legal water supply for junior water users which may result in new storage/change of water use

Water Activity Justification
<p>Provide a description of how this water activity supports the goals of Colorado's Water Plan, the most recent Statewide Water Supply Initiative, and the respective Roundtable Basin Implementation Plan and Education Action Plan ⁽¹⁾. The Applicant is required to reference specific needs, goals, themes, or Identified Projects and Processes (IPPs), including citations (e.g. document, chapters, sections, or page numbers).</p> <p>For applications that include a request for funds from the Statewide Account, the proposed water activity shall be evaluated based upon how well the proposal conforms to Colorado's Water Plan criteria for state support (CWP, Section 9.4, pp. 9-43 to 9-44;) (Also listed pp. 4-5 in 2016 WSRF Criteria and Guidelines).</p>



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Water Activity Justification

This activity supports the goals of the Colorado Water Plan by addressing the supply-demand gap (CWP Chapter 10(A)) as well as addressing the feasibility of storage (CWP Chapter 10(E)) to address the gap. While the Crystal River water users are not facing a physical gap, they are facing a legal supply gap. Any traditional storage project will likely be a multi-use facility providing not only augmentation for domestic uses but also can be utilized to boost late-season flows and promote healthy fisheries (CWP Chapter 10(E)). In addition, the potential for recharge instead of a traditional reservoir will also be explored. The Roaring Fork basin portion of the Colorado Basin Implementation Plan (CBIP pages 112-116) mainly focuses on protecting, maintaining and restoring healthy rivers and potential exploration of small storage projects to benefit late season flows. The CBIP identifies securing safe drinking water as a theme, this should also include a dependable legal supply of water for users in the Crystal River basin. This work will also explore potential agreements with irrigators to provide water for domestic/municipal users in times of drought (CBIP pg 13). While these may end up being dry-year agreements rather than full blown agricultural transfers, the agreements will protect domestic/municipal users during times of senior water right calls on the Crystal River. This problem has been overlooked because of lack of administration during water right calls on the Crystal. Agricultural users have historically taken shortages in some years without placing a call; however, instream flow calls have been placed in more recent years which has pushed the senior agricultural users to place calls. Division 5 is aware of the legal water supply issue and have directed these users to work toward a solution, whether it be basin-wide (preferable) or independently. If progress is not made, the Division will start issuing cease and desist orders and curtailing domestic well usage during periods of Administration on the Crystal River. This issue is exactly what the Colorado Water Plan and Colorado Basin Implementation Plans seek to find solutions for, securing safe drinking water through innovative ways utilizing multi-use storage, aquifer recharge and/or agreements/transfers with willing agricultural users.

(1) Access Basin Implementation Plans or Education Action Plans from Basin drop down menu.

Matching Requirements: Basin Account Requests

Basin (only) Account grant requests require a 25% match (cash and/or in-kind) from the Applicant or 3rd party and shall be accompanied by a **letter of commitment** as described in the 2016 WSRF Criteria and Guidelines (submitted on the contributing entity's letterhead). Attach additional sheet if necessary.

Contributing Entity	Amount and Form of Match (note cash or in-kind)
N/A also applying for Statewide Funds	



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Matching Requirements: Basin Account Requests	
If you requested a Waiver to the Basin Account matching requirements, indicate the percentage you wish waived.	

Matching Requirements: Statewide Account Requests	
Statewide Account grant requests require a 50% match as described in the 2016 WSRF Criteria and Guidelines. A minimum of 10% match shall be from Basin Account funds (cash only). A minimum of 10% match shall be provided by the applicant or 3rd party (cash, in-kind, or combination). The remaining 30% of the required match may be provided from any other source (Basin, applicant, or 3 rd party) and shall be accompanied by a letter of commitment . Attach additional sheet if necessary.	
Contributing Entity	Amount and Form of Match (note cash or in-kind):
CRWCD	\$10,000
WDWCD/Crystal River Water Users	\$15,000
Total Match	\$25,000
If you requested a Waiver to the Statewide Account matching, indicate % you wish waived. (Max 50% reduction of requirement).	

Related Studies
Please provide a list of any related studies, including if the water activity is complimentary to or assists in the implementation of other CWCB programs.



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Related Studies

Various reservoir studies have been completed by USBR/WDWCD/CRWCD on project water rights (Placita Reservoir, Osgood Reservoir, Yank Creek Reservoir, etc).

Feasibility Investigation: Crystal River Off-Stream Reservoirs Sewell Ranch, Grand River Consulting, Sopris Engineering and ERO Resources 8/27/2009

Evaluation of Potential Water Demands within the Crystal River Watershed, Grand River Consulting, 2/2003

Crystal River Basin Small Reservoir Study, Resource Engineering. 2/12/1998

Previous CWCB Grants

List all previous or current CWCB grants (including WSRF) awarded to both the Applicant and Grantee. Include: 1) Applicant name; 2) Water activity name; 3) Approving RT(s); 4) CWCB board meeting date; 5) Contract number or purchase order

CRWCD/WDWCD – Understanding local streamflow to quantify West Divide Project component yield, Colorado Water Plan Grant, approved November, 2017, *Contract/PO #*: CA18005-A.

CRWCD/WDWCD – Kendig Reservoir Feasibility Evaluations, Colorado Basin Roundtable, approved July, 2015, *Contract/PO #*: POGG1 2016-208.

WDWCD - Feasibility and Design Assessment of Off-Channel Reservoir Sites in the Crystal River Watershed, Colorado Basin Roundtable, approved 9/17/2008. *Contract/PO #*: 09000000052

Tax Payer Bill of Rights

The Tax Payer Bill of Rights (TABOR) may limit the amount of grant money an entity can receive. Please describe any relevant TABOR issues that may affect the applicant.

CRWCD will act as the fiscal agent on this project due to WDWCD's limited revenues and corresponding limited ability to accept grant money under TABOR. WDWCD and CRWCD are both providing matching funds.